

UNITED STATES  
 ATOMIC ENERGY COMMISSION  
 WASHINGTON, D.C. 20545

*FILE*

DEC 6 1972

Docket Nos. 50-416  
 and 50-417

A. Giambusso, Deputy Director for Reactor Projects, L  
 THRU: Walter Butler, Chief, Boiling Water Reactors Branch 1, L *WB*

FORTHCOMING MEETING WITH MISSISSIPPI POWER & LIGHT (MP&L) -- GRAND  
 GULF NUCLEAR STATION

TIME: 2:30 p.m.

DATE: Friday, December 8, 1972

LOCATION: Room P-414B

PURPOSE: Presentation to the staff of steps being taken by General Electric and Bechtel to modify the Mark III Containment design for Grand Gulf to meet the Safety Guide 7 Combustible Gas Control limits. The presentation will include assumptions being used in computing hydrogen generation rates.

PARTICIPANTS: AEC: R. Tedesco, G. Laines, R. Cudlin, J. Kudrick, W. Butler, G. Owsley, W. Minners, W. Haass  
 MP&L: N. Stampley  
 Bechtel: Ray Ashley and John Tkacik  
 General Electric: R. Barr

*Gerald Owsley*  
 Gerald Owsley, Project Manager  
 Boiling Water Reactors Br. 1  
 Directorate of Licensing

DISTRIBUTION:		
Docket File (2)	H. Denton	G. Laines
RP Reading	R. Minogue	R. Cudlin
BWR-1 File	W. Butler	J. Kudrick
S.H. Hanauer	J. Stolz	G. Owsley
R.S. Boyd	R. Clark	W. Minners
D.J. Skovholt	R. Ireland	
R.R. Maccary	W. Haass	
D. Knuth	R.F. Fraley, ACRS	
V. Stello	RO (4)	
R. Tedesco	Receptionist	

*B113*

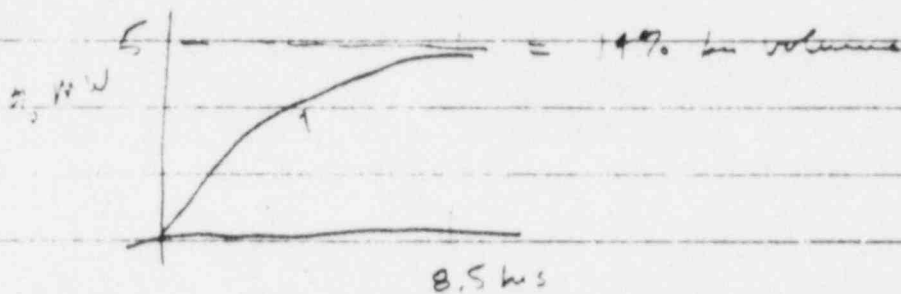
12/8/72 Grand Gulf

12/15 - amendment

let core  $\rightarrow$  2300F  $\rightarrow$  1%  $O_2$  in 1 hr  
I.A.C.  
A

from time zero

8.5 hrs  $\rightarrow$  yields 5% M.W.



influence of oxide buildup

5 days - need recombiners  
+ backup purge system

3 inlet air lines low (how high does water  
get in drywell  
post accident?)  
4 outlet with fans  
16" - 18" dia.

B/14

air or spray system since recirculation  
must start before steaming is over.

fans  $\sim 20,000$  cfm

vacuum breaker system by Feb or March

bypass capability  $\sim 300$  in<sup>2</sup>